

FORM PTO-1390
REV. 5-93US DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTORNEYS DOCKET NUMBER
P00,1967**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

09/744552INTERNATIONAL APPLICATION NO.
PCT/DE99/01969INTERNATIONAL FILING DATE
01 JULY 1999PRIORITY DATE CLAIMED
28 JULY 1998

TITLE OF INVENTION

METHOD AND ARRANGEMENT FOR DETERMINING A MOVEMENT WHICH UNDERLIES A DIGITIZED IMAGE

APPLICANT(S) FOR DO/EO/US

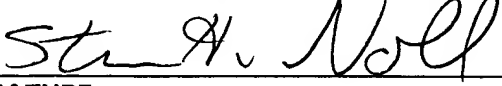
JÖRG HEUER ET AL.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay.
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ has been transmitted by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. §371(c)(3))
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern other document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98; (PTO 1449, Prior Art, Search Report, References).
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
(SEE ATTACHED ENVELOPE)
13. ☒ Amendment "A" Prior to Action.
 - ☐ A SECOND or SUBSEQUENT preliminary amendment.
14. ☒ A substitute specification and mark-up for substitute specification.
15. ☒ A change of address letter attached to the Declaration.
16. ☒ Other items or information:
 - a. ☒ Submission of Drawings and Request for Approval of Drawing Changes
 - b. ☒ EXPRESS MAIL #EL655302727US dated January 24, 2001

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.53) 09/744,332		INTERNATIONAL APPLICATION NO. PCT/DE99/01969		ATTORNEY'S DOCKET NUMBER P00,1967	
17. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5): Search Report has been prepared by the EPO or JPO \$860.00 International preliminary examination fee paid to USPTO (37 C.F.R. 1.482) .. \$690.00 No international preliminary examination fee paid to USPTO (37 C.F.R. 1.482) but international search fee paid to USPTO (37 C.F.R. 1.445(a)(2)) \$710.00 Neither international preliminary examination fee (37 C.F.R. 1.482) nor international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO \$1000.00 International preliminary examination fee paid to USPTO (37 C.F.R. 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) \$ 100.00 ENTER APPROPRIATE BASIC FEE AMOUNT =				CALCULATIONS	PTO USE ONLY
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).				\$	
Claims	Number Filed	Number Extra	Rate		
Total Claims	18 - 20 =	0	X \$ 18.00	\$	
Independent Claims	02 - 3 =	0	X \$ 80.00	\$	
Multiple Dependent Claims			\$270.00 +	\$	
TOTAL OF ABOVE CALCULATIONS =				\$ 860.00	
Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (Note 37 C.F.R. 1.9, 1.27, 1.28)				\$	
SUBTOTAL =				\$ 860.00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
TOTAL NATIONAL FEE =				\$ 860.00	
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property				\$	
TOTAL FEES ENCLOSED =				\$ 860.00	
				Amount to be refunded	\$
				charged	\$
a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>860.00</u> to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-1519</u> . A duplicate copy of this sheet is enclosed.					
NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO: SCHIFF HARDIN & WAITE PATENT DEPARTMENT 6600 Sears Tower 233 South Wacker Drive Chicago, Illinois 60606-6473			 SIGNATURE <u>Steven H. Noll</u> NAME <u>28,982</u> Registration Number		

09/744552

500 Rec'd PCT/PTO 24 JAN 2001

**BOX PCT
IN THE UNITED STATES DESIGNATED/ELECTED OFFICE
OF THE UNITED STATES PATENT AND TRADEMARK OFFICE
UNDER THE PATENT COOPERATION TREATY-CHAPTER II**

CHANGE OF ADDRESS OF APPLICANTS' REPRESENTATIVE

APPLICANT(S): JÖRG HEUER ET AL.
ATTORNEY DOCKET NO.: P00,1967
INTERNATIONAL APPLICATION NO: PCT/DE99/01969
INTERNATIONAL FILING DATE: 01 JULY 1999
INVENTION: METHOD AND ARRANGEMENT FOR DETERMINING A MOVEMENT WHICH
UNDERLIES A DIGITIZED IMAGE

Assistant Commissioner for Patents,
Washington D.C. 20231

S I R:

Members of the firm of Hill & Simpson designated on the original Power of Attorney have merged into the firm of Schiff Hardin & Waite. All future correspondence for the above-referenced application therefore should be sent to the following address:

**SCHIFF HARDIN & WAITE
Patent Department
6600 Sears Tower
233 South Wacker Drive
Chicago, Illinois 60606-6473**

Submitted by,

 (Reg. No. 28,982)

Steven H. Noll
SCHIFF HARDIN & WAITE
Patent Department
6600 Sears Tower
Chicago, Illinois 60606-6473
Telephone: (312) 258-5790
Attorneys for Applicants

500 Rec'd PCT/PTO 24 JAN 2001

BOX PCT
IN THE UNITED STATES DESIGNATED/ELECTED OFFICE
OF THE UNITED STATES PATENT AND TRADEMARK OFFICE
UNDER THE PATENT COOPERATION TREATY--CHAPTER II

APPLICANT(S): JÖRG HEUER ET AL.
ATTORNEY DOCKET NO.: P00,1967
INTERNATIONAL APPLICATION NO: PCT/DE99/01969
INTERNATIONAL FILING DATE: 01 JULY 1999
INVENTION: METHOD AND ARRANGEMENT FOR DETERMINING
A MOVEMENT WHICH UNDERLIES A DIGITIZED
IMAGE

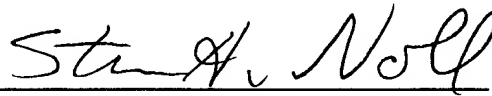
Assistant Commissioner for Patents,
Washington D.C. 20231

REQUEST FOR APPROVAL OF DRAWING CHANGES

Sir:

Applicant herewith requests approval of the changes on each of the four drawing sheets attached hereto in the above-referenced PCT application.

Respectfully submitted,



Steven H. Noll (Reg. No. 28,982)

SCHIFF HARDIN & WAITE
Patent Department
6600 Sears Tower
233 South Wacker Drive
Chicago, IL 60606
Telephone: (312) 258-5790
Attorneys for Applicant(s)

-1-

BOX PCT
IN THE UNITED STATES DESIGNATED/ELECTED OFFICE
OF THE UNITED STATES PATENT AND TRADEMARK OFFICE
UNDER THE PATENT COOPERATION TREATY--CHAPTER II

5 APPLICANT(S): JÖRG HEUER ET AL.
 ATTORNEY DOCKET NO.: P00,1967
 INTERNATIONAL APPLICATION NO: PCT/DE99/01969
 INTERNATIONAL FILING DATE: 01 JULY 1999
 INVENTION: METHOD AND ARRANGEMENT FOR DETERMINING
 A MOVEMENT WHICH UNDERLIES A DIGITIZED
 IMAGE

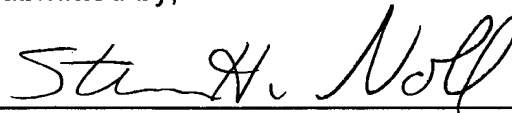
10 Assistant Commissioner for Patents,
 Washington D.C. 20231

SUBMISSION OF DRAWINGS

Sir:

15 Applicant herewith submits four sheets of drawings in the above-
 referenced PCT application.

Submitted by,



(Reg. No. 28,982)

20 Steven H. Noll
 SCHIFF HARDIN & WAITE
 PATENT DEPARTMENT
 6600 Sears Tower
 Chicago, Illinois 60606-6473
 (312) 258-5790
 Attorney for Applicant(s)

CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail Mailing Label Number EL655302727US

Date of Deposit: JANUARY 24, 2001

I hereby certify that this correspondence is being deposited with the United States Postal "Express Mail Post Office to Addressee" service under 37 CFR 1.10(c) on the date indicated above and is addressed to:

**BOX PCT
Assistant Commissioner for Patents
Washington DC 20231**

**Case Number: P00,1967
Applicant(s): JÖRG HEUER ET AL.**

**International Application No. PCT/DE99/01969
International Filing Date 01 JULY 1999
Priority Date Claimed 28 JULY 1998**

**Title: METHOD AND ARRANGEMENT FOR DETERMINING A
MOVEMENT WHICH UNDERLIES A DIGITIZED IMAGE**

Enclosed are the following documents:

International application as filed;
English Translation;

Executed Declaration;
Change of Address form for Applicants' Representative;

PTO 1390 in duplicate;
Amendment "A" prior to action;

Submission of Drawings and Request for Approval of Drawing Changes;

Substitute Specification and Mark-Up for Substitute Specification;

Information Disclosure Statement, PTO 1449, Search Report, References;

Fee: \$ 860.00
Postcard.

**(See attached envelope for Executed Assignment;
PTO 1595; \$40.00 filing fee; Postcard)**

Signature of person mailing documents and fees

J. Alen